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## **TRO Jung|Brannen designs 115,000 s/f Springfield Data Center**

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TRO Jung|Brannen unveiled its design for the Commonwealth's new 115,000 s/f data center which will break ground this spring. The Tier 3, N + 1 Springfield Data Center will be built on the site of the former Technical High School. The project will help support the city's economic recovery with the creation of over 200 construction jobs and 35 permanent jobs.

The facility will assist over 170 agencies and public authorities and will operate on a 24/7/365 basis servicing mission critical applications. It will permit high-speed site-to-site backup and recovery systems for long term storage and operations, and become the primary information technology disaster recovery site for the Commonwealth.

TRO Jung|Brannen has designed this new facility to be a showcase, environmentally responsible project. The Springfield Data Center is targeted to achieve LEED Gold certification and set a new standard for energy efficiency in data centers sited in similar climate zones. The Data Center will be located in the city's Quadrangle Mattoon Historic District, adjacent to the new Federal Courthouse. The Data Center design preserves the high school facade to ensure the district character.

"We are proud of our collaboration with the Commonwealth to create the state's first green data center which also preserves an historic feature of Springfield." said Neil Middleton, principal at TRO Jung|Brannen.

Team members include Cosentini Associates as the mechanical, electrical, and plumbing engineer, D.G. Jones as the cost estimator, Lim Consultants as the structural engineer, Nitsch Engineering as the civil engineer, Preservation Technology as the historic preservation consultant, Epsilon Associates as the enabling consultant, and Strategic Building Consultants, as the commissioning agent. Skanska is the general contractor.

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